



# SPECIFICATION

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## **WEIGHT-LOSS CLOTHING MADE FROM FABRICS MIXED WITH NEOPRENE AND BIO-CERAMICS**

### Background of Invention

[0001] 1) Field of the Invention:

[0002] The present invention relates to a Weight-Loss Clothing made from Fabrics mixed with Neoprene and Bio-Ceramics which is designed to reduce the weight of users. The neoprene used as one of materials to make the present invention is processed with an anti-bacterial treatment to provide sanitation to the user, in addition to an excellent weight-loss effect. More specifically, the present invention reduces the fat and waste materials contained in the human body, providing a weight-loss effect without giving any harmful effects to the people who wear it.

[0003] 2) Discussion of Related Art:

[0004] Over the years, the number of people having problems with their obesity has been on the rise continuously due mainly to their eating of high-calorie food and lack of exercise, consequently causing a variety of diseases. A lot of weight-loss technologies and methods are introduced on the market, and one of the most effective and popular methods of losing weight is sweating off either through exercise or other available methods. Since a lot of exercise is required for one to sweat off, a variety of exercise clothing or sportswear that help the users to sweat off with as the least amount of exercise as possible, preventing the air and moisture from coming out of the body of the users, have been introduced on the market.

[0005] However, such kinds of sportswear or exercising clothing are made from either vinyl or air-tightened synthetic materials that their touch is not good and they create

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allergy to the skin of the users when they wear them during the exercise, especially when they sweat a lot within a short period of time or when they wear them for a long time. Another disadvantage of the conventional sportswear or exercising clothing is that they are not tightly fitted to the body of the users so that the amount of sweat is not high enough to effectively lose weight since the heat and moisture from the bodies of the users are easily discharged through the loosened portion of the sportswear or exercising clothing. Also, those sportswear or exercising clothing available on the market cover the whole part of the body of the user as an outwear to achieve a high weight-loss effect so that they cannot be made or worn as a bra or one-pieced suit such as women's swimming suit as an innerwear. Therefore, users of such sportswear or exercising clothing cannot wear them during their normal activities or at their work.

[0006] Materials used to manufacture such sportswear or exercising clothing are either vinyl or polyester-mixed synthetic fibers that cannot absorb the sweat discharged from the body of user. In order to solve such problems, some sportswear manufacturers or exercising clothing manufacturers introduced new technologies such as dry-coating, wet-coating or laminating to provide permeability to such synthetic fabrics. However, they still could not satisfy the users, especially when they sweat a lot within a short period of time.

[0007] According to the conventional technologies that provide absorption function on the synthetic fabrics, a proper amount of solvent is provided on the padded synthetic fabrics and squeezed to a specific level of pick-up rate (60 ~ 100%). However, fabrics made according to this method have absorption capability on both inner and outer side of the fabrics so that their water-proof capability decreases. Some sportswear or exercising clothing manufacturers introduced similar kinds of synthetic fabrics coated with poly-urethane resin according to the dry-type, wet-type or laminating coating method to provide the permeability function, discharging the sweat of the user through the clothing. However, they cannot still provide as similar absorption or permeability capabilities as the natural fabrics such as cotton so that people who wear such sportswear or exercising clothing feel uncomfortable, especially when they sweat a lot within a short period of time.

## Summary of Invention

[0008] In order to solve the aforementioned problems, the present invention is a Weight-Loss Clothing made from Fabrics mixed with Neoprene and Bio-Ceramics which is designed to reduce the weight of users. The primary objectives of the present invention are to provide an excellent weight-loss effect and pleasant feeling to the users, without giving any harmful effects to their skin. To achieve these objectives, the present invention is designed to effectively discharge the sweat and humidity through the micro-pores provided on the present invention. Also, the present invention is made from a high weight-loss-effect anti-bacterial neoprene mixed with bio-ceramics and other fibers. Unlike other sportswear or exercising clothing of the same kind available on the market, the present invention provides the user a good feeling, protects the user's skin from allergy and effectively discharges the sweat of the user out of the present invention.

## Brief Description of Drawings

- [0009] Fig. 1 is a section of the weight-loss clothing according to the present invention.
- [0010] Fig. 2 shows another section of the weight-loss clothing according to the present invention.
- [0011] Fig. 3 shows overall view of the weight-loss clothing according to the present invention.

## Detailed Description

- [0012] The functions and structure of the present invention as depicted in the drawings are as follows: The present invention comprises: an outer layer made from spandex; an inner layer made from cotton, or polyester, or nylon; and a medium layer, between the said outer layer and inner layer, mixed with anti-bacterial neoprene and bio-ceramics.
- [0013] In order to achieve a high absorption and permeability capabilities, micro-pores are provided on the present invention so that the user may feel comfortable during and after exercise while achieving an excellent weight-loss result, without having any harmful effects to his/her skin.

[0014] The outer layer comprise spandex fabric which has a high elastic capability that it prevents the body heat of the user from discharging out of the present invention. Accordingly, the user who wears the present invention can discharge a lot of sweat and have excellent weight-loss effect. The said medium layer properly tightens the body of user to help shape his/her body. The presenting invention is washable with the washing machine, and the said spandex is made from poly-urethane to achieve the highest weight-loss effects of the present invention. Although any types of fabrics may be used for the said inner layer, fabrics that do not cause allergy to the skin of user are used preferably.

[0015] Referring now to Fig. 1 which shows a section of the present invention, the present invention comprises: an outer layer (10) made from spandex; a medium layer (30) made from anti-bacterial neoprene and bio-ceramics; and an inner layer (20) made from polyester, or cotton, or nylon.

[0016] Referring now to Fig. 2 which shows a section of the present invention from a different view, micro pores (40) are provided on the said medium layer (30) to enhance the permeability capability of the present invention. The feeling of the present invention may be enhanced if cotton is used for the said inner layer (20) that contacts the skin of user.

[0017] Referring now to Fig. 3 which shows the overall exterior view of the present invention, the shape of present invention may be made into a variety of types of clothing such as one-pieced swimming suit, pants, bras and other types of clothing. Accordingly, the user of the present may shape the whole or a part of his/her body when he/she wears the present invention in all his/her activities including during exercise since the spandex used for the present invention properly tightens the body of the user, in addition to the weigh-loss effect.